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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Agricultural Economics
Washington, D. C.

To:

From: Willard W. Cochrane, Division of Program
Analysis and Development

Subject: Revised estimates of food consumption from the
study "Achieving a High Level of Food
Consumption."

We expect to publish a summary of the study entitled
"Achieving a High Level of Food Consumption." However,
published copies will not be available for some time.
And in light of the fact that certain of the basic food
consumption data presented in the preliminary copy of
"Achieving a High Level of Food Consumption" have been
revised, I am enclosing certain of those revised data
for the convenience of persons who are working currently
with food consumption material. Of course, when the re-
vised estimates differ from the preliminary estimates,
the text of the preliminary draft should be changed or
interpreted in light of the revised estimates.

Willard W. Cochrane

Attachment

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Table 10.- Per capita consumption of food among farm families by income groups at the base level with percent of nutritional adequacy a/ (assumed 1950 conditions)

Food group	Under \$500		\$500-\$1,000	
	<u>b/</u>		<u>b/</u>	
	Consump-	Adequacy	Consump-	Adequacy
	tion		tion	
	<u>Lbs.c/</u>	<u>Pct.</u>	<u>Lbs.c/</u>	<u>Pct.</u>
Milk (or its equivalent) <u>d/</u>	461.6	70.4	542.6	82.8
Potatoes (Irish and sweet).....	102.8	61.6	135.6	81.2
Dry beans, peas, and nuts.....	15.3	117.7	15.1	116.2
Tomatoes and citrus fruit.....	29.2	29.2	38.5	38.5
Leafy green and yellow vegetables.....	102.4	66.1	107.6	69.4
Other vegetables and fruit.....	206.1	100.0	205.4	99.7
Eggs <u>d/</u>	22.4	59.7	27.6	73.6
Meat, poultry, and fish.....	70.7	52.4	82.7	61.3
Flour and cereals (baked goods equivalent).....	255.0	124.4	241.6	117.9
Butter and other fats <u>d/</u>	59.2	97.0	61.9	101.5
Sugar and other sweets <u>d/</u>	64.4	105.6	70.7	115.9

a/ Relative to the minimum nutritional standard presented in Table 9.

b/ Money plus nonmoney income.

c/ Retail or kitchen weights.

d/ These estimates of per capita consumption are slightly understated relative to the average per capita series of the B.A.E., since certain quantities used in manufacturing are not included here. This fact is taken into consideration in the B.H.N.H.E. diet plans, hence the measure of adequacy is a proper one.

Continued

Table 10.- Per capita consumption of food among farm families by income groups at the base level with percent of nutritional adequacy a/ (assumed 1950 conditions)--Continued

Food Group	\$1,000-\$1,500		\$1,500-\$2,000	
	b/		b/	
	Consump-	Adequacy	Consump-	Adequacy
	tion		tion	
	Lbs.c/	Pct.	Lbs.c/	Pct.
Milk (or its equivalent) <u>d/</u> ...	600.7	91.6	648.9	99.0
Potatoes (Irish and sweet)...	206.9	123.9	211.6	126.7
Dry beans, peas, and nuts.....	19.9	153.1	19.1	146.9
Tomatoes and citrus fruit.....	51.5	51.5	56.4	56.4
Leafy green and yellow vegetables.....	120.7	77.9	130.5	84.2
Other vegetables and fruit....	218.6	106.1	234.3	113.7
Eggs <u>d/</u>	36.1	96.3	43.0	114.7
Meat, poultry, and fish.....	117.8	87.3	131.4	97.3
Flour and cereals (baked goods equivalent).....	222.5	108.5	213.9	104.3
Butter and other fats <u>d/</u>	60.1	98.5	59.0	96.7
Sugar and other sweets <u>d/</u>	82.3	134.9	85.2	139.7

a/ Relative to the minimum nutritional standard presented in table 9.

b/ Money plus nonmoney income.

c/ Retail or kitchen weights.

d/ These estimates of per capita consumption are slightly understated relative to the average per capita series of the B.A.E., since certain quantities used in manufacturing are not included here. This fact is taken into consideration in the B.H.N.H.E. diet plans, hence the measure of adequacy is a proper one.

Continued

Table 10.- Per capita consumption of food among farm families by income groups at the base level with percent of nutritional adequacy a/ (assumed 1950 conditions)--Continued

Food group	\$2,000-\$3,000		\$3,000-\$5,000		\$5,000 and over	
	<u>b/</u>		<u>b/</u>		<u>b/</u>	
	Con-	Ade-	Con-	Ade-	Con-	Ade-
	sump-	quacy	sump-	quacy	sump-	quacy
	tion		tion		tion	
	Lbs.c/	Pct.	Lbs.c/	Pct.	Lbs.c/	Pct.
Milk (or its equivalent) <u>d/</u> ...	681.2	103.9	663.8	101.2	741.4	113.1
Potatoes (Irish and sweet)...	234.6	140.5	269.5	161.4	242.4	145.1
Dry beans, peas, and nuts....	18.8	144.6	22.6	173.8	26.1	200.8
Tomatoes and citrus fruit....	67.3	67.3	73.9	73.9	90.5	90.5
Leafy green and yellow vegetables.....	143.7	92.1	157.7	101.7	99.8	64.4
Other vegetables and fruit...	279.6	135.7	364.7	177.0	250.3	121.5
Eggs <u>d/</u>	46.6	124.3	46.6	124.3	47.6	126.9
Meat, poultry, and fish.....	150.6	111.6	175.2	129.8	189.7	140.5
Flour and cereals (baked goods equivalent).....	204.4	99.7	220.5	107.6	213.6	104.2
Butter and other fats <u>d/</u>	58.3	95.6	71.1	116.6	73.0	119.7
Sugar and other sweets <u>d/</u>	92.9	152.3	97.6	160.0	94.9	155.6

a/ Relative to the minimum nutritional standard presented in table 9.

b/ Money plus nonmoney income.

c/ Retail or kitchen weights.

d/ These estimates of per capita consumption are slightly understated relative to the average per capita series of the B.A.E., since certain quantities used in manufacturing are not included here. This fact is taken into consideration in the B.H.N.H.E. diet plans, hence the measure of adequacy is a proper one.

Table 11.- Per capita consumption of food among nonfarm families by income groups at the base level with percent of nutritional adequacy a/ (assumed 1950 conditions)

Food group	Under \$500		\$500-\$1,000	
	<u>b/</u>		<u>b/</u>	
	Consump-	Adequacy	Consump-	Adequacy
	tion		tion	
	<u>Lbs.c/</u>	<u>Pct.</u>	<u>Lbs.c/</u>	<u>Pct.</u>
Milk (or its equivalent) <u>d/</u>	180.2	27.7	299.3	45.9
Potatoes (Irish and sweet).....	85.9	59.2	117.9	81.3
Dry beans, peas, and nuts.....	14.1	128.2	15.0	136.4
Tomatoes and citrus fruit.....	25.6	25.6	55.8	55.8
Leafy green and yellow vegetables.....	39.0	24.5	56.5	35.5
Other vegetables and fruit.....	98.5	50.0	148.8	75.5
Eggs <u>d/</u>	22.1	58.9	32.0	85.3
Meat, poultry, and fish.....	73.8	59.0	114.2	91.4
Flour and cereals (baked goods equivalent).....	280.6	165.1	197.0	115.9
Butter and other fats <u>d/</u>	66.5	127.9	59.8	115.0
Sugar and other sweets <u>d/</u>	93.7	180.2	90.3	173.6

a/ Relative to the minimum nutritional standard presented in table 9.

b/ Money plus nonmoney income.

c/ Retail or kitchen weights.

d/ These estimates of per capita consumption are slightly understated relative to the average per capita series of the B.A.E., since certain quantities used in the manufacturing are not included here. This fact is taken into consideration in the B.H.N.H.E. diet plans, hence the measure of adequacy is a proper one.

Continued

Table 11.- Per capita consumption of food among nonfarm families by income groups at the base level with percent of nutritional adequacy a/ (assumed 1950 conditions)--Continued

Food group	\$1,000-\$1,500		\$1,500-\$2,000	
	<u>b/</u>		<u>b/</u>	
	Consump-	Adequacy	Consump-	Adequacy
	tion		tion	
	Lbs.c/	Pct.	Lbs.c/	Pct.
Milk (or its equivalent) <u>d/</u>	326.6	88.3	381.0	88.5
Potatoes (Irish and sweet)....	117.1	80.8	118.6	81.8
Dry beans, peas, and nuts.....	13.9	126.4	12.4	112.7
Tomatoes and citrus fruit.....	77.5	77.5	96.7	96.7
Leafy green and yellow vegetables.....	67.1	42.2	77.6	48.8
Other vegetables and fruit....	189.3	96.1	225.6	114.5
Eggs <u>d/</u>	35.3	94.1	37.6	100.3
Meat, poultry, and fish.....	135.5	108.4	152.9	122.3
Flour and cereals (baked goods equivalent).....	179.2	105.4	174.4	102.6
Butter and other fats <u>d/</u>	59.1	113.6	60.2	115.8
Sugar and other sweets <u>d/</u>	95.8	184.2	94.4	181.5

a/ Relative to the minimum nutritional standard presented in table 9.

b/ Money plus nonmoney income.

c/ Retail or kitchen weights.

d/ These estimates of per capita consumption are slightly understated relative to the average per capita series of the B.A.E., since certain quantities used in manufacturing are not included here. This fact is taken into consideration in the B.H.N. H.E. diet plans, hence the measure of adequacy is a proper one.

Continued

Table 11.- Per capita consumption of food among nonfarm families by income groups at the base level with percent of nutritional adequacy a/ (assumed 1950 conditions)--Continued

Food group	: \$2,000-\$3,000		: \$3,000-\$5,000		: \$5000 and	
	b/		b/		over b/	
	Con-	Ade-	Con-	Ade-	Con-	Ade-
	sump-	quacy	sump-	quacy	sump-	quacy
	Lbs.c/	Pct.	Lbs.c/	Pct.	Lbs.c/	Pct.
Milk (or its equivalent) <u>d/</u> ...	408.9	82.5	438.2	66.8	510.2	78.3
Potatoes (Irish and sweet)...	117.7	81.2	113.5	78.3	124.2	85.6
Dry beans, peas, and nuts...	11.4	103.6	10.7	97.3	13.7	124.5
Tomatoes and citrus fruit...	116.7	116.7	141.3	141.3	193.0	193.0
Leafy green and yellow vegetables.....	86.1	54.2	95.1	59.8	117.4	73.8
Other vegetables and fruit...	255.7	129.8	301.8	153.2	426.7	216.6
Eggs <u>d/</u>	39.4	105.1	40.3	107.9	45.8	122.1
Meat, poultry, and fish.....	170.0	136.0	192.7	154.2	265.4	212.3
Flour and cereals (baked goods equivalent).....	174.9	102.9	169.3	99.6	197.8	116.4
Butter and other fats <u>d/</u>	61.3	117.9	63.3	121.7	73.4	141.2
Sugar and other sweets <u>d/</u>	96.7	186.0	97.3	187.1	121.2	233.1

a/ Relative to the minimum nutritional standard presented in table 9.

b/ Money plus nonmoney income.

c/ Retail or kitchen weights.

d/ These estimates of per capita consumption are slightly understated relative to the average per capita series of the B.A.E., since certain quantities used in manufacturing are not included here. This fact is taken into consideration in the B.H.N.H.E. diet plans, hence the measure of adequacy is a proper one.

Table 15.- Quantities of food required to satisfy the conditions of good adequate diets as a minimum for all persons in the United States (assumed 1950 conditions)

Food group	Farm		Nonfarm		Institutional		Total consumption no. of persons
	Single persons	Persons in families	Single persons	Persons in families	Single persons	Persons in families	
	(thousand pounds) a/		(thousand pounds) a/		(thousand pounds) a/		
Milk (or its equivalent).....	182,852	19,408,251	3,864,380	68,396,349	1,498,220	100,178,052	b/
Potatoes (Irish and sweet).....	77,268	6,125,282	1,145,379	12,460,639	271,170	20,079,738	
Dry beans, peas, and nuts.....	7,723	548,049	126,331	1,327,594	34,500	2,332,197	c/
Tomatoes and citrus fruit.....	30,539	2,984,680	952,128	12,028,336	230,000	16,225,683	
Leafy green and yellow vegetables.....	51,324	4,563,535	1,075,312	16,694,841	365,700	22,750,712	
Other vegetables and fruit.....	97,660	7,230,492	2,123,427	25,431,212	453,100	35,335,891	
Eggs.....	14,341	1,212,704	349,194	4,029,769	86,250	5,803,258	d/
Meat, poultry, and fish.....	52,568	4,249,775	1,456,371	16,635,441	262,660	22,656,815	
Flour and cereals (baked goods equivalent).....	103,818	6,771,616	1,850,730	19,335,148	453,100	28,514,412	
Butter and other fats.....	27,001	1,837,868	600,101	6,469,676	137,540	10,108,186	e/
Sugar and other sweets.....	33,787	2,432,334	929,902	10,095,612	207,690	17,591,325	f/

a/ Retail or kitchen weights.

b/ Includes 6,328 million pounds used in manufacturing not distributed as milk by income groups.

c/ Includes 288 million pounds of nuts used in manufacturing not distributed by income groups.

d/ Includes 111 million pounds of eggs used in manufacturing not distributed by income groups.

e/ Includes 1,036 million pounds used in manufacturing not distributed as fats and oils by income groups.

f/ Includes 3,692 million pounds used in manufacturing not distributed as sugar by income groups.

Table 22.- A comparison of total food output in 1943 with total food requirements, domestic and foreign, at the base level of domestic consumption

Food Group	1943 food output	Food requirements		Balance
		Domestic: base level	: Foreign: 1935-39: average a/	
		(thousand pounds) b/		
Milk (or its equivalent).....	74,746,425	68,770,093	213,200	5,763,132
Potatoes (Irish and sweet).....	21,822,000	19,275,156	202,308	2,344,536
Dry beans, peas, and nuts.....	4,506,743	2,332,197	99,062	2,075,484
Tomatoes and citrus fruit.....	20,141,250	13,112,115	621,369	6,407,766
Leafy green and yellow vegetables.....	13,623,260	12,722,404	35,388 c/	865,468
Other vegetables and fruit.....	30,203,788	33,921,933	1,531,542 c/	- 5,249,687
Eggs.....	6,857,280	5,497,922	3,300	1,356,058
Meat, poultry, and fish.....	23,148,690	21,628,352	156,480	1,363,858
Flour and cereals (baked goods equivalent).....	31,877,319 d/	28,514,412	--	3,362,907
Butter and other fats.....	11,874,509	10,108,186	267,920	1,498,403
Sugar and other sweets.....	5,176,277	17,591,325	414,591	-12,829,639

a/ The National Food Situation, B.A.E., U.S.D.A., June 1943.

b/ Retail or kitchen weights.

c/ Only principal exports included.

d/ The average amounts of grains exported in 1935-39 were deducted from the total quantities of raw produce converted into food since it is impossible to know what utilization is made of grain exported as grain.

